Title (en)

WIRELESS COMMUNICATION SYSTEM AND WIRELESS COMMUNICATION METHOD

Title (de)

DRAHTLOSES KOMMUNIKATIONSSYSTEM UND DRAHTLOSES KOMMUNIKATIONSVERFAHREN

Title (fr)

SYSTÈME DE COMMUNICATION SANS FIL ET PROCÉDÉ DE COMMUNICATION SANS FIL

Publication

EP 2858407 B1 20210602 (EN)

Application

EP 13796434 A 20130426

Priority

- JP 2012124571 A 20120531
- JP 2013062360 W 20130426

Abstract (en)

[origin: EP2858407A1] The present invention is designed to feed back a plurality of pieces of CSI with respect to each transmission point, when CoMP transmission is applied in the framework of carrier aggregation. The radio communication method according to the present invention is a radio communication method in a radio communication system including a plurality of radio base station apparatuses and a user terminal that is configured to be able to perform coordinated multi-point transmission/reception with the plurality of radio base station apparatuses, and, in this radio communication method, when coordinated multi-point transmission is applied, the radio base station apparatus, transmits CSI set information on a set including at least one CSI through higher layer signaling, and also transmits CSI request information in DCI, and the user terminal feeds back CSI based on the CSI set information and the CSI request information.

IPC 8 full level

H04W 72/04 (2009.01)

CPC (source: CN EP US)

H04B 7/024 (2013.01 - US); **H04B 7/0626** (2013.01 - US); **H04W 72/23** (2023.01 - CN EP US)

Citation (examination)

- WO 2013170202 A1 20131114 - INTEL CORP [US], et al
- ZTE: "CSI feedback modes for CoMP", 3GPP DRAFT; R1-122135_CSI_FEEDBACK_MODES, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Prague, Czech Republic; 20120521 - 20120525, 12 May 2012 (2012-05-12), XP050600408
- ALCATEL-LUCENT ET AL: "Downlink Control Signalling for CoMP", 3GPP DRAFT; R1-122487 DOWNLINK CONTROL SIGNALLING FOR COMP_FINAL, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Prague, Czech; 20120521 - 20120525, 12 May 2012 (2012-05-12), XP050601060
- NTT DOCOMO: "CQI Definition for Rel-11 CoMP", 3GPP DRAFT; R1-121934 CQI DEFINITION, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Prague, Czech Republic; 20120521 - 20120525, 12 May 2012 (2012-05-12), XP050600235

Cited by

EP3383112A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2858407 A1 20150408; **EP 2858407 A4 20160217**; **EP 2858407 B1 20210602**; CA 2873611 A1 20131205; CN 104380641 A 20150225; CN 104380641 B 20180508; JP 2013251698 A 20131212; JP 5770682 B2 20150826; US 2015103774 A1 20150416; US 9979454 B2 20180522; WO 2013179833 A1 20131205

DOCDB simple family (application)

EP 13796434 A 20130426; CA 2873611 A 20130426; CN 201380028429 A 20130426; JP 2012124571 A 20120531; JP 2013062360 W 20130426; US 201314404084 A 20130426